

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

REC'D 04 MAY 2005

WIPO PCT

To:

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/IB2005/050061

International filing date (day/month/year)
05.01.2005

Priority date (day/month/year)
06.01.2004

International Patent Classification (IPC) or both national classification and IPC
H04N9/73, H05B37/02

Applicant
KONINKLIJKE PHILIPS ELECTRONICS, N.V.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



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Authorized Officer

Pigniez, T

Telephone No. +31 70 340-3403



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2005/050061

Box No. 1 Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material:
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing:
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
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International application No.
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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-20
	No: Claims	
Inventive step (IS)	Yes: Claims	1-20
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-20
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item V.

1 Reference is made to the following documents:

- D1 : US 2002/047628 A1 (MORGAN FREDERICK ET AL) 25 April 2002 (2002-04-25)
D2 : US 2003/100837 A1 (LYS IHOR ET AL) 29 May 2003 (2003-05-29)
D3 : PATENT ABSTRACTS OF JAPAN vol. 018, no. 672 (E-1646), 19 December 1994 (1994-12-19) & JP 06 267664 A (TOSHIBA LIGHTING & TECHNOL CORP), 22 September 1994 (1994-09-22)
D4 : PATENT ABSTRACTS OF JAPAN vol. 014, no. 413 (E-0974), 6 September 1990 (1990-09-06) & JP 02 158094 A (MATSUSHITA ELECTRIC IND CO LTD), 18 June 1990 (1990-06-18)

2. Claims 1-14:

Document D1, which is considered to represent the most relevant state of the art, only discloses a method for light script command encoding for dynamically controlling an ambient light source (see the code of fig. 4).

From this, the subject-matter of independent claim 1 differs especially in that no change code is encoded.

2.1 The subject-matter of claim 1 is therefore novel (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as how to provide a light script command code suitable for the ambient light source that avoids redundant information.

2.2 The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33(3) PCT) because none of the cited prior art documents neither discloses nor suggests to introduce a change code in the light script command as mentioned in claim 1.

2.3 Claims 2-14 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

**WRITTEN OPINION OF THE
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AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2005/050061

3 Claims 15-18:

Document D1, which is considered to represent the most relevant state of the art, only discloses a method for dynamically controlling an ambient light source using a light script command (see fig. 3 and 4).

From this, the subject-matter of independent claim 1 differs especially in that no change code is decoded.

3.1 The subject-matter of claim 1 is therefore novel (Article 33(2) PCT)

The problem to be solved by the present invention may be regarded as how to decode a light script command code that avoids redundant and unnecessary decoding.

3.2 The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33(3) PCT) because none of the cited prior art documents neither discloses nor suggests to decode a change code in the light script command as mentioned in claim 15.

3.3 Claims 16-18 are dependent on claim 15 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

4. Claim 19-20:

Claim 19 concerns a computer-readable medium having the computer-readable light script command as defined in claim 1.

4.1 The subject-matter of claim 19 is therefore novel (Article 33(2) PCT) and inventive (Article 33(3) PCT) for the same reasons as defined in 2.

4.2 Claim 20 is dependent on claim 19 and as such also meets the requirements of the PCT with respect to novelty and inventive step.

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International application No.
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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-20
	No: Claims	
Inventive step (IS)	Yes: Claims	1-20
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-20
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From this, the subject-matter of independent claim 1 differs especially in that no change code is encoded.

2.1 The subject-matter of claim 1 is therefore novel (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as how to provide a light script command code suitable for the ambient light source that avoids redundant information.

2.2 The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33(3) PCT) because none of the cited prior art documents neither discloses nor suggests to introduce a change code in the light script command as mentioned in claim 1.

2.3 Claims 2-14 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

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AUTHORITY (SEPARATE SHEET)**

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3 Claims 15-18:

Document D1, which is considered to represent the most relevant state of the art, only discloses a method for dynamically controlling an ambient light source using a light script command (see fig. 3 and 4).

From this, the subject-matter of independent claim 1 differs especially in that no change code is decoded.

3.1 The subject-matter of claim 1 is therefore novel (Article 33(2) PCT)

The problem to be solved by the present invention may be regarded as how to decode a light script command code that avoids redundant and unnecessary decoding.

3.2 The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33(3) PCT) because none of the cited prior art documents neither discloses nor suggests to decode a change code in the light script command as mentioned in claim 15.

3.3 Claims 16-18 are dependent on claim 15 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

4. Claim 19-20:

Claim 19 concerns a computer-readable medium having the computer-readable light script command as defined in claim 1.

4.1 The subject-matter of claim 19 is therefore novel (Article 33(2) PCT) and inventive (Article 33(3) PCT) for the same reasons as defined in 2.

4.2 Claim 20 is dependent on claim 19 and as such also meets the requirements of the PCT with respect to novelty and inventive step.